2068 HARDWARE UPDATE

TIMELINEZ

Timex Director Billy Skyrme to speak at S.Bay group

T/S 1000 Word Processing SW Reviewed

Volume 2 Issue 1 January '84 $1.00

TIMEX UPDATE

NEW HARDWARE! What, when, and how much? Many rumors have been spread concerning TIMEX'S future hardware releases. I will attempt to clarify some of those rumors with the help of a reliable "source" - all of this news can only be confirmed in time. I will start by describing known hardware (soon to be released) and moving towards items that have been discussed only in general terms before. (I will not discuss the 2068, Timex cassette recorder, or Joystick - look locally and you should be able to find them currently on sale.)

T/S TELECOMMUNICATIONS MODEM
PRICE: $119.95 includes Smart Terminal 1 Software
FEATURES: auto dial, auto answer direct connect (not acoustic), software for all 3 computers, menu driven, manual, 2 year warranty, membership in the SOURCE
OPTIONS: Smart Terminal 2 Command Cartridge
PRICE: ?
FEATURES: auto dial 14 different phone numbers, each with own preset parameters.
Save and load files of phone numbers.
Store complex sequences for fast, easy log-on.
Store data in buffer for later printing or transmission.
Auto answer incoming call and store pages of information.

TIMEX MICRO-DRIVE
PRICE: $69.95
FEATURES: typical access time of 3 seconds, 85K byte storage capacity, can use multiple drives for flexible program and data organization.
NOTE: needs interface, does not directly connect to 2068

TIMEX BUS EXPANSION UNIT
PRICE: $99.95
FEATURES: RGB connections, Centronics port, RS232 Serial port, audio connection, Micro drive interface, 2068 bus buffer, 80 column - high resolution monochrome composite video
NOTE: will be shown with micro drives at the January CES

[CONT. 8]

SOUTH BAY T/S USER'S GROUP

January's meeting will be a special event. We are expecting Richard L. Huxtable of the American Head Trauma Alliance to speak about this worthwhile organization. Mr. Huxtable is flying in from Los Angeles.

We will also have a presentation on Timex's new 2068 color computer by Billy Skyrme, Director of Product Planning for Timex Computer Corporation. Mr. Skyrme is arriving from Waterbury, CT.

I had been expecting Dan Ross, Vice President of Timex Computer, to make the presentation, but have received word from him that he will be leaving Timex the end of February, 1984 and will not be able to attend. His resignation was announced in the 12-19-83 edition of "ELECTRONIC NEWS". The article states that this and other changes are an effort to bring computer operations into the corporate mainstream.

I also read a review of the 2068 in the 12-26-83 issue of "INFOWORLD". The article states that the 2068 "priced at under

[CONT. 8]

TIMELINEZ (C) IS THE JOINT PUBLICATION OF THREE TIMEX/SINCLAIR USER GROUPS IN THE SAN FRANCISCO / OAKLAND BAY AREA. OLD AND NEW MEMBERS ARE ALWAYS WELCOME - SO ARE HARDWARE, SOFTWARE, AND COMPUTER BEGINNERS. SEE YOU AT THE NEXT MEETING.

American Head Trauma Alliance Update

In the last issue of TIMELINEZ we devoted most of our space to an organization formed to address the long term problems of the head injured population. The American Head Trauma Alliance is attempting to induce development of needed software in Sinclair Basic and TIMELINEZ decided to try to help.

We invited Mr. Richard Huxtable of the AHTA to tell us more about this project and he sent a great deal of information which we reproduced in our Christmas edition. This included a description of the prospective user, program goals, possible methodology & format and do's & dont's involved in this type of programming.

When programs are received by the AHTA, they will be reviewed by the Alliance's advisors and parent members. Suggestions will be made to improve the programs, and when they are perfected, they will be assembled into multiple task groups having common levels of difficulty, with menu access. Instruction manuals to guide therapists and parents in the use of the programs will be prepared. Finally, the news will go out to therapists, head injury organizations, hospital discharge administrators, psychologists, physicians and others, that there is cognitive rehabilitation software available for the $80.00 computer all can afford.

Any user group member can be part of this worthwhile project. This would be an excellent chance to improve your programming skills in a structured setting. It also provides a definite reason for writing programs rather than just going through the motions with no particular goal in mind.

In order to find out more about this project, write TIMELINEZ and ask for the Christmas issue or write the AMERICAN HEAD TRAUMA ALLIANCE, P.O. Box 711046, Los Angeles, CA 90017.

TIMELINEZ would ask the group presidents to discuss this endeavor at their next meetings. How about a volunteer to coordinate a joint effort? Thousands of minds have shaped the computer, now the computer can help reshape the human mind.

EBZUG 80,TIMEX/SINCLAIR USERS GROUP

EAST BAY TIMEX/SINCLAIR USERS

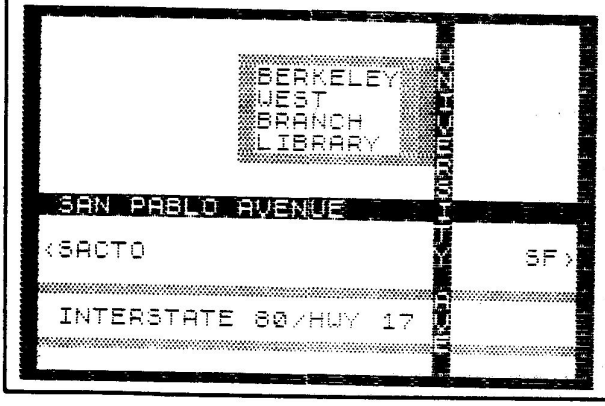
WE ARE AN EAST SAN FRANCISCO /OAKLAND BAY AREA COMPUTER USER GROUP SPECIALING IN TIMEX/SINCLAIR AND Z80 BASED SYSTEMS.

MEETINGS ARE HELD ON THE THIRD THURSDAY OF EVERY MONTH AT THE WEST BRANCH OF THE BERKELEY PUBLIC LIBRARY. MEETINGS START AT 7:30 PM.

PRESIDENT	JOEL BRODY
VICE PRES	RICK LINK
TREASURER	WOODY MCPHEETERS
SECRETARY	WOODY MCPHEETERS
LIBRARIAN	WOODY MCPHEETERS
TIMELINEZ CONTACT	RICK LINK

ALL QUESTIONS CONCERNING EBZUG SHOULD BE SENT TO:

E B Z U G
654 40TH STREET
RICHMOND, CA 94805
(415)234-3310



If you have a new Timex Sinclair 2068 you won't want to pass up this offer.

2068 S/W AT REDUCED PRICES

These are some of the best public domain Spectrum programs from England - translated and debugged from leading British publications to run on your 2068.

Program Pack 1

DEMOLITION - Drop explosive asterisk down on an advancing brick wall. Addictive.
3D TIC TAC TOE - Challenge the computer to a facinating game on three different levels at once.
SKI RUN - Manneuver your skier down a course while avoiding obstacles.

Program Pack 2

MAZE - Find the pot of gold at the end of a 3D maze.
DRIVER - Try to drive your car through a "very busy" street.
KNIGHT - Your knight and the computer knight fight to the death on horses and on the ground.Neat graphics.

ONLY $10 EACH OR BOTH FOR $15
(no postage fee)

CKS SERVICES
P.O. BOX 1316
PACIFICA, CA 94044

SOUTH BAY T/S USER GROUP

The next SB meeting will be Tuesday, Jan. 31, 1984 at 7 PM at Dysan Corporation Headquarters, 5201 Patrick Henry Dr, Santa Clara.

PRESIDENT

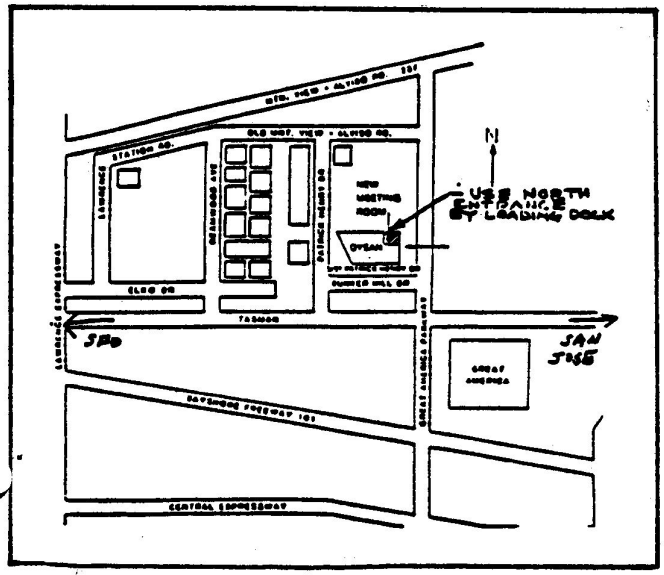
Rita Carr
c/o TIMELINEZ
Box 1312
Pacifica CA 94044
(408) 738-2888 x4579

Send articles and advertising to:

Ted Helderman
1121 Nottingham Pl
San Jose CA 95117
(408) 241-5661

Dues are $15 per year. Make check payable to SIMCLINC and mail to:

Paul Perreault
947 Clara Dr
Palo Alto CA 94303
(415) 856-9446 evening



SOFTWARE REVIEW
BY
PAUL D. PERREAULT

REVIEW OF TEXTWRITER 1000

TYPE: WORD PROCESSING
PRICE: $11.95 LISTING=$5.95
ROM/RAM: 8K/16K
LISTING? YES
EASY TO USE? YES
WRITTEN IN BASIC
AUTHOR: ROBERT FINGERLE, 1983

THIS PROGRAM DOES A PRETTY GOOD JOB OF WORD PROCESSING. THIS REPORT IS WRITTEN USING THIS PROGRAM. UPON LOADING, THE USER IS PRESENTED WITH A MENU WHICH ALLOWS HIM/HER TO SELECT BETWEEN DISPLAYING THE CURRENT FILE, STARTING A NEW FILE, OR SAVING THE CURRENT FILE. THE AUTHOR SUGGESTS SAVING OFTEN WHEN WORKING ON LONG TEXTS. THE USER IS ALSO GIVEN THE CHOICE OF PRINTING WTH SINGLE OR DOUBLE SPACE.

THE FIRST THING A USER NOTICES IS A GLARING MAN/MACHINE INTERFACE ERROR. THE SPACE BAR HAS BEEN CHANGED TO A BREAK BAR. THE USER MUST HIT "ENTER" TO MAKE A SPACE. AT FIRST THIS WAS VERY DISCNCERTING. HOWEVER SOON I WAS ONLY MILDLY BOTHERED BY THIS FEATURE.

ONE VERY NICE FEATURE IS THE AUTOMATIC WRAP FUNCTION. THIS FUNCTION ALLOWS THE USER TO TYPE WITHOUT REGARD TO THE RIGHT HAND MARGIN. ANY WORD THAT EXTENDS BEYOND COLUMN 32 IS RELOCATED TO THE NEXT LINE, VERY HANDY, GIVEN OUR SHORT COLUMNS.

THE NORMAL CURSOR CONTROLS GIVE THE USER THE ABILITY TO CORRECT TEXT ANYWHERE ON THE PAGE, ALSO VERY CONVIENENT.

BUT THE FEATURES THAT MAKE THIS PROGRAM A WORD PROCESSOR

[CONT. 4]

JAN 31 MEETING AT SOUTH BAY LOCATION

Timex 2068 Color Computer Demonstration!

Presentation of American Head Trauma Alliance (they need programmers)!

At Dysan Corporation Headquarters in Santa Clara at 7 PM.

Memotext Review

Quite some time ago I purchased "Memotext", Memotech's ROM-based word processor. It was an irrational, impulsive purchase since I had no assurance that "Memotext" would work with my Timex printer (it won't), and Memotech's RS-232 interface, which would (I thought) allow me to use my borrowed Epson MX 80, remained back-ordered.

By the time the interface became available, I had had enough experience writing text on my screen and saving it on tape to be fairly impressed by "Memotext." But even Memotech seemed unable to shed enough light on the interface question to solve my problems (Hint: pin-for-pin printer cables, such as supplied by Memotech, don't work) and the Epson printer just gathered dust.

Now, after a hiatus which included a month's vacation overseas and further consultation with my friend Rick Marshall--who wishes I would dump this thing and get a "real" computer, I can demonstrate success.

"Memotext" is an ingenious solution to the T/S word processing dilemma. Since it is composed of machine code residing in ROM (addressed in the 8K-16K area), it is fast. One can proceed at full typing speed and "Memotext" has no trouble keeping up.

What slows one down is the extra keystrokes required to produce ASCII code for characters that are not part of the Sinclair character set. Generally, two or three strokes are required for such characters as "'" or "(". Still, one must admire the fact that the full ASCII set is available.

Since the screen display remains in the T/S format, it is necessary to insert formatting commands in the text to control printer output. In general it is possible to take advantage of most printer features available through this means. Theoretically, it should be possible to produce very sophisticated documents in this fashion. In practice, I find it useful to keep a supply of cheap 8 1/2" by 11" newsprint on hand for trial printouts before committing them to expensive bond.

"Memotext" supports usual word processor features such as "search" and "replace" strings, etc. In addition it provides a

[CONT. 7]

[CONT. 3]

ARE THE EDITING COMMANDS. THESE SIX COMMANDS ALLOW YOU TO ADD SPACES BETWEEN WORDS, TO ADD LINES IN BETWEEN LINES, TO DELETE LINES OF TEXT AND TO CONDENSE TEXT BY REMOVING EXTRANEOUS BLANK SPACES LEFT OVER FROM YOUR EDITING. THERE ARE ALSO TWO OTHER COMMANDS TO ALLOW THE TEXT TO BE SWITCHED BACK AND FORTH FROM MEMORY.

THERE ARE ALSO 7 HANDY CONTROL KEYS TO HELP YOU MOVE AROUND IN THE PROGRAM AND TO REVIEW YOUR MASTERPIECE.

NOW MY COMPLAINTS. ALTHOUGH THE TWO FINGERED TYPIST WILL HAVE NO PROBLEM, I FOUND THAT I COULD NOT TOUCH TYPE ON MY FANCY KEYBOARD AS FAST AS I WOULD LIKE. THE PROGRAM RAN A LITTLE TOO SLOW FOR ME.

ITS TOO BAD THAT THAT THE PROGRAM CANT SAVE ONLY YOUR TEXT, HAVING TO SAVE BOTH THE PROGRAM AND YOUR TEXT USES UP ALOT OF TIME AND TAPE.

FINALLY, NOTE THAT ONE CAN NOT MOVE PARAGRAPHS AROUND WITH THIS TEXT EDITOR, ALTHO YOU CAN TRICK IT A LITTLE. HOWEVER I KNOW OF NO OTHER NON DISK BASED SYSTEM WHICH WILL.

I FOUND THIS PROGRAM EASY TO LEARN TO USE LARGELY BECAUSE THE AUTHOR PROVIDED A VERY WELL PREPARED USERS MANUAL WITH EXAMPLES. FURTHER, THE 8 PAGE MANUAL IS FULL SIZED (8.5X11) AND CONTAINS A LISTING OF THE PROGRAM. I FOUND THE PROGRAM EASY TO USE AND IT CERTAINLY SPEEDED UP PREPARATION OF THIS REPORT.

I FOUND A SMALL BUG WHICH IS NOW BEING CORRECTED BY THE AUTHOR. TO RECOVER FROM BEING KICKED OUT OF THE PROGRAM, TYPE GOTO 35 INSTEAD OF GOTO 40. THIS WILL RESET SOME VARIABLES WITHOUT HARMING YOUR TEXT IN MEMORY.

I RECOMMEND THIS TEXT EDITOR WITH ITS USERS MANUAL AS A VEY USEFUL ADDITION TO YOUR SOFTWARE LIBRARY.

Wow! A Real Word Processor For T/S
It's The Word Sinc II by P. Hargrave!

Dear TIMELINEZ Friends;

At last, after searching all the articles I could find on inexpensive Word Processors for the T/S, I have found one that really works. It has many features you'd expect to find only in more advanced (and expensive) computers and programs. Also,it is fast--You can type at full speed and all functions are immediate, even large block moves.

Features

1. UPPER and lower case letters.

2. 42 characters per line instead of 32.

3. 20 new symbols: ' % ÷ ! ← ↓ ↑ → → | [ ] % \ @ ¯ _ ¤ & #.

4. Free moving cursor with automatic scrolling.

5. A "user friendpy" MENU with one key selection. It includes:
   1. START NEW-for a clean slate.
   2. CONTINUE-with previous text. (It starts where you left off even after a tape load)
   3. LIST-shows each screen of text at the press of a key.
   4. DELETE-any blocks of text.
   5. MOVE-text blocks to any place in text.
   6. SEARCH- for any words or symbols.
   7. REPLACE-any text or symbols (such as names and addresses throughout text).
   8. PRINT-all or part of text. (Additional copies by pressing "Y".
   9. SAVE-on tape.

6. Right and left margin justification with wrap around.

7. Automatic repeat on all keys and cursor movement (the repeat speed can be changed with a simple poke command)

8. Tab control that is remembered throughout text until changed.

9. Expanded Print-great for highlight!

10. A Byte Counter that continuously displays how many of the 8000 character spaces are available (now it is showing 6616 available). 8000 characters = 11 1/2 full screens of text. It easily expands for larger memories with a simple one line command.

11. Each of the functions have user friendly prompts.

12. Easy access to the Basic Listing for the experimenter. A "GOTO M" command gives instant return to the Menu with all text intact.

COMMENTS

The Word Sinc II is a powerful Word Processor---it's also fun! Once I took a little time to learn it, it became very natural with no bugs and very few frustrations. The only shortcoming I can think of is that the text is not screen formated in final form. This is done only on the printer.

I am a minister and I have already used it to write sermons, and lectures. The more I use it, the more I marvel at it's usefulness---especially at the low price of $19.50.

Where To Get It

Send $19.50 (I added $1.50 for handling) to:

P. Hargrave
Site V,RR 4
Nanaimo,BC
Can.,V9R5X9

I recieved mine in about two weeks.

Yours truly
Walt Johnson

P.S. I found I could work on several documents at once and find each one with a Search command.

+++ WORD SINC II+ +++

By : P.Hargrave
From : GESANG ASSOCIATES
P.O. Box 452
Randallstown, MD 21133
$20.00 cassette

For those users who need UPPER and lower case but don't want to spend $350+ for a printer and interface, BUY THIS PROGRAM! What you see here can be obtained using a T/S 1000 or T/S 1500 and a T/S 2040 printer.

Since the program makes extensive use of embedded format screen commands, the display is initially difficult to read. But after working with WORD SINC II+ a few times, one learns.

The documentation is not only thorough, but serves as a quick reference guide.

The program itself is a GEM! Features include: full character set and punctuation with 20 special characters (' % ÷ ! ← ↓ ↑ → || [ ] % \ @ ¯ _ ¤ & #) adjustable auto-repeat, fast printout (faster than you've seen on the 2040 printer), automatic right hand justification, search, replace, move, insert, delete and expanded print!

16K RAM holds 8000 characters...the program is 8.3K...with space remaining constantly updated and displayed. Plus the program is easily expandable to larger memories by changing one line.

Dennis J. Krill

PUG MEMBERSHIP DIRECTORY

JACK DAANE
855 BOUNTY DRIVE
FOSTER CITY CA 94404
415 341-5236

M. J. EBERLY, JR.
750 GLENVIEW DRIVE 207
SAN BRUNO CA 94066
415 589-1141

CLIFFORD ERICKSON
121 WINDSOR DR.
SAN CARLOS CA 94070
415 593-2658

MICHAEL FELSENSTEIN
2366 40TH AVE.
SAN FRANCISCO CA 94116
415 564-8279

DAVID GRIMBLE
990 ALTA VISTA DRIVE
PACIFICA CA 94044
415 359-4868

WALT JOHNSON
21 COLORADOS DRIVE
MILLBRAE CA 94030
415 697-6212

NORMAN LEHFELDT
757 GUERRERO
SAN FRANCISCO CA 94110
415 285-0643

GERRY MARRIS
44 ELMWOOD DRIVE
DALY CITY CA 94015
415 755-4033

BILL MATTSON
1526 ROBERTA DRIVE
SAN MATEO CA 94403
415 341-4737

VIVIAN MITCHELL
1115 GREENWICH STREET
SAN FRANCISCO CA 94109
415 776-9257

GEORGE/SONJA MOCKRIDGE
263 GATEWAY DRIVE 107
PACIFICA CA 94044
415 359-3198

ALLAN MORSE
2290 FLEETWOOD DRIVE
SAN BRUNO CA 94066
415 583-6572

FRANK/PARIS MOURA
858 CHENERY STREET
SAN FRANCISCO CA 94131
415 585-2117

BOB ORRFELT
3436 BAY ROAD
REDWOOD CITY CA 94063
415 369-9136

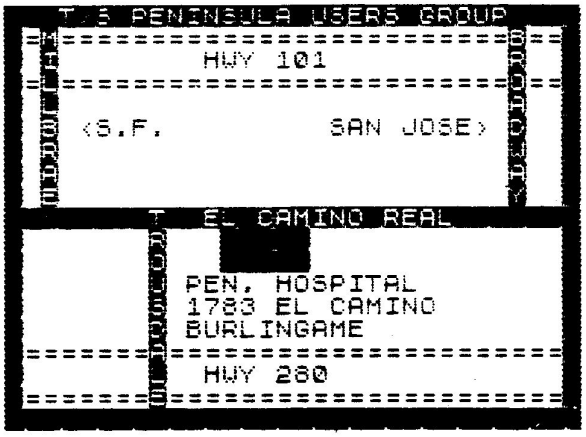
CALVIN PETERSON
777 W MIDDLEFIELD RD 134
MOUNTAIN VIEW CA 94043
415 968-1096

MICHAEL ROSENTHAL
951 CHENERY ST.
SAN FRANCISCO CA 94110
415 587-6388

NATE SCHULMAN
3941 PACIFIC BLVD.
SAN MATEO CA 94403
415 345-3153

NEIL STECKLEY
93 MORNINGSIDE
DALY CITY CA 94015
415 992-5035

BILL ZIGRANG
738 OCCIDENTAL AVENUE
SAN MATEO CA 94402
415 579-6542



MEETINGS ARE HELD ON THE 3RD SUNDAY OF EACH MONTH. 2 P.M.
JAN. 15
FEB. 19
MEET. ROOMS ARE ON LOWER FLOOR.

NOTE PLEASE USE THE ENTRANCE ON THE NORTH SIDE OF THE HOSPITAL. ALSO TRY TO PARK ON NORTH SIDE, NOT IN THE VISITORS LOT. THANKS.

ELECTRICAL OUTLETS AND TABLES ARE AVAILABLE SO BRING YOUR EQUIP. AND EXTENSION CORDS IF POSSIBLE.

CAFETERIA SERVICE IS AVAILABLE AND FAMILIES ARE WELCOME.

MEMBERSHIP SCHEDULE:

FULL (NEWSLETTER AND S/W LIBRARY PRIVILEGES) $15/YR

PARTIAL (NEWSLETTER ONLY) $10/YR

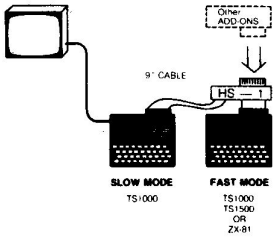
FOR MORE INFORMATION CONTACT:

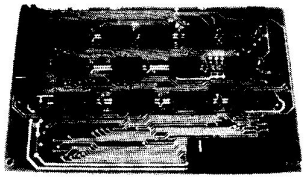
GEORGE MOCKRIDGE
263 GATEWAY NO. 107
PACIFICA, CA. 94044
(415) 359-3198

SEND NEWSLETTER CONTRIBUTIONS.

FRANK MOURA
858 CHENERY ST.
SAN FRANCISCO, CA. 94131
(415) 333-2231

HIGH SPEED INTERFACE





FAST MODE / CONTINUOUS DISPLAY

PICTURE THIS —

- CONNECTING THE HS-1 INTERFACE TO A SPARE TS1000 CREATES A COMPUTING SYSTEM THAT IS QUICK AND RESPONSIVE LIKE MANY OF THE HIGHER PRICED PERSONAL COMPUTERS.
- FAST MODE FLICKER NO LONGER OCCURS WHEN ENTERING PROGRAM LINES AND DATA.
- SCREEN DISPLAYS OF PROGRAM LISTINGS AND OUTPUT APPEAR AT AMAZING SPEEDS.
- SOFTWARE LIKE FLIGHT SIMULATOR WILL HAVE RESPONSE TIMES LIKE A FIGHTER JET!

TECHNICAL SUMMARY:

THIS UNIQUE SYSTEM USES DIRECT MEMORY ACCESS TO COPY THE DISPLAY FILE FROM A FAST MODE COMPUTER TO A SLOW MODE TS1000 WHICH THEN PRODUCES THE DISPLAY. THE RESULTING SPEED GAIN IS AN IMPRESSIVE 5.5 TIMES FASTER THAN A SINGLE COMPUTER IN SLOW MODE.

KIT BUILDERS:

ASSEMBLY IS MADE EASY WITH A SOLDER-MASKED SILKSCREENED PC BOARD. HIGH QUALITY IC CHIPS (WITH SOCKETS) AND GOLD PLATED CONNECTORS PROVIDE RELIABILITY AND LONG LIFE. OTHER TIMEX/SINCLAIR PERIPHERALS MAY BE ATTACHED VIA A REAR CARD-EDGE CONNECTOR. INSTRUCTIONS AND SOFTWARE (<1K) ARE INCLUDED.

MAIL ORDERS TO:

INTERFACE DESIGN
P.O. BOX 151
REXFORD, NY 12148

HS-1 KIT	$78
HS-1 WIRED AND TESTED	$98
CABLE (9 INCH)	$19
SHIPPING	$ 4

NY STATE RESIDENTS ADD TAX

PAYABLE BY CHECK OR MONEY ORDER

category called "data" files which can be used to store mailing lists such as might be used for preparation of form letters. This latter use seems to be the major sort of work which the program's authors had in mind, since that seems to be the emphasis of the instruction manual.

Since "Memotext" uses a "load/save" protocol slightly different from the T/S routine, it doesn't seem compatible with any of the fast loading routines on the market.

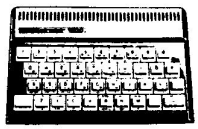
Could one write a novel with "Memotext?" I suppose so, if one were very determined, but it seems to me best suited for letters, short articles (such as this one) and form letters where the same text must be repeated over and over. For such uses--and especially for typists as clumsy as myself who value the easy correction of errors on the screen--"Memotext" can be a valuable addition to your Timex/Sinclair set-up.

Norm Lehfeldt

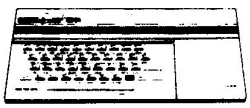
TIMEX sinclair

TIMEX/SINCLAIR FAMILY OF COMPUTERS...

T/S1000 - 2K $29.95

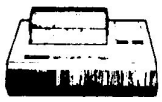


T/S1500 - 16K $79.95



T/S2068 - 48K
Color & Sound $199.95

AND PERIPHERALS...



T/S2040 Printer $99.95

T/S 2020
Cassette Player $49.95

T/S2050 Modem
Auto-Dial $119.95
(AVAILABLE DEC. 16th)

Microdrive $99.95
(AVAILABLE APR. '84)

COMPLETE SELECTION OF TIMEX/SINCLAIR SOFTWARE
SUNSET ELECTRONICS
(415) 665-8330
2254 Taraval St., San Francisco, CA 94116
Monday through Saturday 10-6 • Sunday 10 - 3

[CONT. 1]

TIMEX 2080 PRINTER
PRICE: $329 (±299 typical street price)
FEATURES: 9 pin square dot matrix, 80 cps, friction and sprocket paper feed, standard centronics interface (will work with other computers), text and graphics printing, ribbon life - 600,000 chars.
NOTE: Timex considers the print quality to be "correspondence" as opposed to "draft" but not quite "letter". Internal mechanism is supposed to be the same as the Mannesmann Tally MT-80, an Epson MX-80 upgraded clone.

WHEN?

When is a difficult question to answer. The modem might be on sale at SUNSET ELECTRONICS when you read this. We are hoping to give an in-depth review of the modem in the next issue of TIMELINEZ. Everything else has in this article is supposed to be shown at the January CES with special deals being offered to retailers who order for a later delivery. That date has been floating between March 1984 and Mid 1984 which probably means we won't see many of these items on the West Coast until after the East has their fill.

[CONT. 1]

$200, offers many desirable features usually found on more expensive machines." The article's REPORT CARD gives it an across-the-board rating of excellent. These catagories are: SET UP, EASE OF USE, PERFORMANCE, DOCUMENTATION, and SERVICEABILITY. In summary: "(The 2068) is an excellent product that compares well with computers costing far more. It has features that make it attractive to a wide audience, from beginners to assembly-language programmers."

Rita Carr

ATTN: COMMUTERS

Do you commute between San Francisco and San Jose? If so, the user group is looking for someone to transport the printed newsletters once a month.
Please contact Rita Carr at (408) 738-2888 x4579 or George Mockridge at (415) 359-3198.

GEORGE MOCKRIDGE

RICK LINK
FRANK MOURA
TED HELDERMAN

RITA CARR

ADVERTISING SCHEDULE
FULL PAGE $80
HALF PAGE $40
1/4 PAGE $25
1/8 PAGE $15

PUBLISHED MONTHLY BY THE TIMEX SINCLAIR USER GROUPS IN THE SAN FRANCISCO - OAKLAND BAY AREA. SENT TO ALL CURRENT MEMBERS. $15 DUES PAID TO LOCAL GROUP.

PUBLISHING DEADLINE IS THE FIRST WEEKEND OF EACH MONTH. ALL CORRESPONDENCE SHOULD BE MAILED TO:

T I M E L I N E Z
P.O. BOX 1312
PACIFICA, CA. 94044

TIMELINEZ

NONPROFIT

LOOK FOR TIMELINEZ AT YOUR LOCAL TIMEX DEALER OR NEWS-STAND.

TIMELINEZ
P.O. BOX 1312
PACIFICA CA. 94044